

LISTING OF CLAIMS:

This listing of claims will replace all prior versions, and listing, of claims in the application.

1. (Currently Amended) A X-ray film cassette ~~device~~ comprising in

~~combination:~~

a rectangular cartridge body having a front wall, a pair of side walls and a back wall;

a rectangular cover hinged at one side thereof to the back wall of said body by ~~means of a pair of hinge means;~~

~~a pair of latch means~~ provided at one side of said cover opposite to the hinged side, said latch ~~means~~ being manually operable to be moved from a latching position to a released position;

~~a pair of slots~~ provided in the front wall of the body to be engaged with said latch ~~means~~ of the cover; and

at least two imaging plates for recording an image generated by an ~~x~~X-ray source;

wherein said at least two imaging plates overlapping so as to prevent ~~the~~ loss of diagnostic information.

2. (Currently Amended) The cassette of claim 1, wherein said at least two imaging plates can be processed by a computed radiography reader without manually removing the imaging plates from the cassette.

3. (Currently Amended) The cassette of claim 1, wherein said ~~system~~cassette works in a FCR 5000 CR Reader imaging device.

4. (Currently Amended) The cassette of claim 1, further comprising a plurality of indicia marks on said imaging plates arranged such that said imaging plates can be automatically aligned.

5. (Currently Amended) The cassette of claim 1, wherein said at least two imaging plates are separated by a "Z' fold of a material having a size that is sufficient to prevent said overlapping image plates from coming into direct contact with each other.

6. (Currently Amended) The cassette of claim 1, wherein said imaging plates are 14" x 17" in dimensionsize.

7. (Currently Amended) An X-ray film that can be used for use in the cassette ~~device~~ of claim 1.

8. (Currently Amended) A photostimulable phosphor sheet that can be used for use in the cassette ~~device~~ of claim 1

9. (Currently Amended) ~~The x-ray images~~An X-ray image generated by ~~the use~~ of the cassette ~~device~~ of claim 1.

10. (Currently Amended) The cassette of claim 1, wherein said ~~system~~
~~works~~cassette is dimensioned to be received in any Fuji CR Reader imaging device.

11. (Currently Amended) A X-ray cassette device comprising ~~in combination:~~
a rectangular cartridge body having a front wall, a pair of side walls and a back
wall;

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a rectangular cover hinged at one side thereof to the back wall of said body by
~~means of a pair of hinge means;~~

a ~~pair of~~ latch ~~means~~ provided at one side of said cover opposite to the hinged
side, said latch ~~means~~ being manually operable to be moved from a latching position to a
released position;

a ~~pair of~~ slots provided in the front wall of the body to be engaged with said
latch ~~means~~ of the cover; and

at least two imaging plates for recording an image generated by an ~~*X-ray~~
source; on a photostimulable phosphor sheet,

wherein said at least two imaging plates overlapping so as to prevent ~~the~~ loss of
diagnostic information.

12. (Currently Amended) The cassette of claim 11, wherein said at least two
imaging plates can be processed by a computed radiography reader without manually removing
the imaging plates from the cassette.

13. (Currently Amended) The cassette of claim 11, wherein said ~~system~~
~~works~~cassette is dimensioned to be received in a FCR 5000 CR Reader imaging device.

14. (Currently Amended) The cassette of claim 11, further comprising a
plurality of indicia marks on said imaging plates arranged such that said imaging plates can be
automatically aligned.

15. (Currently Amended) The cassette of claim 11, wherein said at least two
imaging plates are separated by a "Z" fold of a material having a size that is sufficient to prevent
said overlapping image plates from coming into direct contact with each other.

16. (Currently Amended) The cassette of claim 11, wherein said imaging plates
are 14" x 17" in dimensionsize.

17. (Currently Amended) An X-ray film that can be used for use in the cassette
device of claim 11.

18. (Currently Amended) A photostimulable phosphor sheet that can be used for
use in the cassette device of claim 11.

19. (Currently Amended) The x-ray imagesAn X-ray image generated by the use
of the cassette device of claim 11.

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20. (Currently Amended) The cassette of claim 11, wherein said system
workscassette can be received in any Fuji CR Reader imaging device.
